



PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Docket No: Q67726

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Mitsuo OSADA, et al.

MAR 09 2004

Appln. No.: 10/009,822

Group Art Unit: 1775

Confirmation No.: 6202

Examiner: LAVILLA, MICHAEL E

Filed: December 13, 2001

For: MATERIAL FOR A HEAT DISSIPATION SUBSTRATE FOR MOUNTING A SEMICONDUCTOR, METHOD OF PRODUCING THE SAME, AND CERAMIC PACKAGE USING THE SAME

STATEMENT OF SUBSTANCE OF INTERVIEW

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Please review and enter the following remarks summarizing the interview conducted on November 24, 2003:

REMARKS

An Examiner's Interview Summary Record (PTO-413) was attached with the Office Action dated December 5, 2003.

The interview was conducted on November 24, 2003 and was initiated by the Examiner in a call to the Applicants representative on November 12, 2003. Therefore, no further recordation by the Applicant is believed to be required. However, Applicants wish to note that during the interview, the following was discussed:

First, in amended claim 7, there is text that states "rolling the composite at a working rate of at least 60% to produce a rolled composite, the rolled composite having a coefficient, of linear expansion of $8.3 \times 10^{-6}/K$ or less at 30-800°C in a final rolling direction." The Examiner asks whether the coefficient is constant over the recited temperature range or whether it varies to

values below the recited value with changes in temperature. Is the recited value applicable at the lower or upper end of the range?

Second, in claim 10, the Examiner notes that there is a recitation that "a resultant rolled composite has a coefficient of linear expansion equal to $8.3 \times 10^{-6}/K$ or less at a temperature not higher than 400°C". The Examiner asks whether the lower limit of 30°C applies to this range, as the claim is dependent on claim 7.

Third, the Examiner notes that claim 8 recites that there is a "primary rolling carried out in one direction at a temperature of 100-300°C and at a working rate of 50% or more, and secondary rolling carried out as cold rolling in a direction intersecting with the one direction at a working rate of 50% or more, a total working rate being 60% or more." The Examiner questions how the rolling rates of 50% in two directions can result in a minimum rate of 60%.

In the interview, Applicants advised that the coefficient of linear expansion can be measured throughout the range of 30-800°C. and that it can represents a mean value. Applicants also advised that the resultant working rate in two directions is 75% or more.

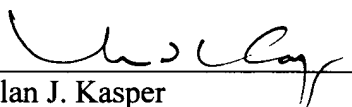
No prior art was discussed and no agreement was reached. However, Applicants offered to provide further clarification but could not do so before a due date for the Examiner to issue a next Office Action.

It is believed that no petition or fee is required. However, if the USPTO deems otherwise, Applicant hereby petitions for any extension of time which may be required to maintain the pendency of this case, and any required fee, except for the Issue Fee, for such extension is to be charged to Deposit Account No. 19-4880.

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Respectfully submitted,


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Date: March 5, 2004